

ENVIRONMENTAL ANALYSIS

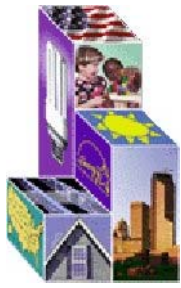
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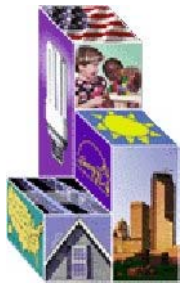
U.S. DOE Workshop on Standards
for Residential Furnaces and Boilers

July 17, 2001



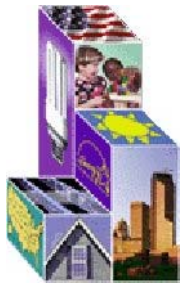
Environmental Analysis: PURPOSE and METHOD

- PURPOSE
 - estimate impacts from new energy efficiency standards
- METHOD
 - NEMS-BRS model
 - additional calculation of in-house emissions by spreadsheet, consistent with National Energy Savings



Environmental Analysis: OUTPUT

- Impacts from new energy efficiency standards on
 - quantities of U.S. emissions of carbon dioxide (CO_2) and nitrogen oxides (NO_x) from
 - energy supply systems
 - in-house emissions
 - trading price of SO_2



Environmental Analysis:

DOE Requests Input from Stakeholders

- Are there any other environmental factors the Department should consider?
- If so, what additional analytical methods are appropriate for addressing them?